|  |  |
| --- | --- |
|  | **Name of the equipment:** GPU Server**Make & Model:** Gigabyte 2U PCIe V100**I-Stem Registration ID:** 3245581**Source of funding:**  Plan fund 2019-20**Location:** ITL 305**Description of Instrument:** The G182-C20 is designed for demanding high-bandwidth applications such as virtualization, media centers, content creation, and data centers. Its support for high-performance GPUs like the NVIDIA Tesla V100 makes it suitable for AI model training, deep learning inference, and HPC workloads. |

**Booking Details**

**GPU Server**

|  |  |
| --- | --- |
| **Book through I-STEM:** <https://www.istem.gov.in/>**Slot Booking Link**[I-STEM Slot Booking link for External User](https://www.istem.gov.in/equipment-info/45581/GPU-Server) | **Booking available for**Internal and External Both**Requisition form for** [Internals](https://randc.nitc.ac.in/pdf/instruments/csed/Internal.pdf)[Externals](https://randc.nitc.ac.in/pdf/instruments/csed/External.pdf) |

**Contact Details**

|  |  |  |
| --- | --- | --- |
| **Faculty In charge:** Dr Gopakumar G **Email:**gopakumarg@nitc.ac.in**Phone No:** 9446032724  | **Technical Staff:** Mr.Aneesh V **Email ID:** aneeshv@nitc.ac.in**Phone No:** 9961100077 | **Department:** CSED**Email ID:** csedoffice@nitc.ac.in |

**Features and specifications**

Rack Server

**Processor** -Intel Xeon Silver 4214R , 2.40 GHz.

**RAM -** 92 GB, TruDDR4 2933MHz (1Rx8 1.2V) RDIM

**Storage -** 2.4 TB 7.2K SAS 12Gb Hot Swap 512n HDD

**GPU support -** NVIDIA Tesla V100, 32 GB

**OS -** Ubuntu 20.04

**Unique features/Measurement capabilities, if any:**

GPU support - NVIDIA Tesla V100, 32 GB

**User Charges Rs. (Inclusive of GST)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Internal** | **External Academic Institutes** | **National R&D Lab** | **Industry** |
| 20 Rs per hour/GPU | 50 Rs per hour/GPU | 100 Rs per hour/GPU | 200 Rs per hour/GPU |